



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

MEMORANDUM TO: Project Engineers  
Project Design Engineers

FROM: G. R. Perfetti, P.E.  
State Bridge Design Engineer

DATE: November 1, 2010

SUBJECT: SHOWING POINT OF MINIMUM VERTICAL CLEARANCE

Effective with the January 2011 letting, show the point of minimum vertical clearance on the Plan view of the General Drawing whenever a bridge is spanning over existing pavement. This point should be the controlling point used to compute the minimum vertical clearance of the bridge. Label this the 'Point of Minimum Vertical Clearance' and provide a station, an offset from the survey line and the elevation of the existing pavement on the line below.

Field Personnel will use this information to verify that the existing pavement has not been raised prior to constructing the structure.

The Design Manual will be updated at a later date.

GRP/TKK

cc: J. A Bennett, P.E.  
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Division Bridge Engineer, FHWA  
R. D. Rochelle, PE